



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 2053
Yoshinori IKETAKI et al. : Docket No. 2001_0327A
Serial No. 09/814,125 : Group Art Unit 2872
Filed March 22, 2001 : Examiner Audrey Y. Chang

DOUBLE-RESONANCE-ABSORPTION
MICROSCOPE

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

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AMENDMENT

Assistant Commissioner for Patents,
Washington, D.C.

Sir:

Responsive to the Office Action of October 24, 2002, a one month extension of time being
filed concurrently herewith, please amend the above-identified application as follows.

In the Claims:

Kindly cancel claims 1-73 presently pending in this application without prejudice.

Kindly add the following new claims 74-80.

74. A double-resonance absorption microscope comprising:
- a pump light source for emitting a pump light having a wavelength λ_1 so as to excite a sample molecule from a ground state to a first electronic excited state;
 - an erase light source for emitting an erase light having a wavelength λ_2 so as to excite the sample molecule from the first electronic excited state to at least a second electronic excited state;
 - an overlap component for partially overlapping irradiating areas of the pump light and the erase light with each other so that an emission area is partially inhibited during de-

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